United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

24319

7590

05/20/2004

LSI LOGIC CORPORATION 1621 BARBER LANE MS: D-106 LEGAL MILPITAS, CA 95035

EXAMINER NGUYEN, MIKE

ART UNIT

PAPER NUMBER

2182

DATE MAILED: 05/20/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/998,738	10/31/2001	Louis Odenwald	01-533	7019

TITLE OF INVENTION: INTEGRATED DYNAMIC LOAD BALANCING BY AN INPUT/OUTPUT INTERFACE

Γ	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
	nonprovisional	NO	\$1330	\$0	\$1330	08/20/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-145

				Alexandria, Virg	ginia 22313-1450	
INSTRUCTIONS: This for appropriate. All further cor indicated unless corrected I maintenance fee notification	below or airected otherwise	smitting the ISSU Patent, advance ord in Block 1, by (a)	or <u>Fax</u> E FEE and PUBles and notification of the property of	(703) 746-4000 LICATION FEE (if requion of maintenance fees we correspondence address;	ired). Blocks 1 through 4 s vill be mailed to the current ; and/or (b) indicating a sepa	hould be completed where correspondence address as trate "FEE ADDRESS" for
CURRENT CORRESPONDENC	CE ADDRESS (Note: Legibly mark-up 05/20/2004	with any corrections or	use Block I)	paners. Each additiona	mailing can only be used for its certificate cannot be used all paper, such as an assignment of mailing or transmission.	or domestic mailings of the for any other accompanying ant or formal drawing, must
LSI LOGIC COR 1621 BARBER LA MS: D-106 LEGA MILPITAS, CA 95	ANE L			I hereby certify that the States Postal Service valdressed to the Mai	rtificate of Mailing or Trans his Fee(s) Transmittal is bein with sufficient postage for fir I Stop ISSUE FEE address TO, on the date indicated bel	g deposited with the United st class mail in an envelope above, or being facsimile
MILITING, CAT YE	7055					(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE]	FIRST NAMED INV	/ENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/998,738	10/31/2001		Louis Odenw	vald	01-533	7019
III LE OF INVENTION: IN	NTEGRATED DYNAMIC L	UAD BALANCIN	IG DI AN INPUI			
APPLN. TYPE	SMALL ENTITY	ISSUE FE	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330)	\$0	\$1330	08/20/2004
EXAM	MINER	ART UN	IT	CLASS-SUBCLASS]	
NGUYE	N, MIKE	2182		710-038000	•	
CFR 1.363). ☐ Change of correspond. Address form PTO/SB/1: ☐ "Fee Address" indicati	e address or indication of "F ence address (or Change of C 22) attached. ion (or "Fee Address" Indica or more recent) attached. Us	Correspondence	names of up agents OR, alt firm (having a agent) and the	on the patent front page, to 3 registered patent a ematively, (2) the name is a member a registered mames of up to 2 regist gents. If no name is lister	ttomeys or 1 of a single attorney or 2 ered patent	
		low, no assignee da submitted under sep	ata will appear on parate cover. Com	• • /	ssignee data is only appropri T a substitute for filing an ass UNTRY)	ate when an assignment has ignment.
Please check the appropriate	e assignee category or catego	ries (will not be pri	inted on the patent	t); 🕒 individual 🚨 d	corporation or other private g	roup entity
4a. The following fee(s) are	enclosed:	4b	Payment of Fee(•		
☐ Issue Fee				amount of the fee(s) is end		
☐ Publication Fee ☐ Advance Order - # of	Conies		, ,	edit card. Form PTO-2038 is hereby authorized by cl	harge the required fee(s), or	credit any overnayment, to
Advance Order - # 01	Copies		Deposit Account		(enclose an extra c	
Director for Patents is reque	ested to apply the Issue Fee a	nd Publication Fee	(if any) or to re-ap	pply any previously paid i	ssue fee to the application ide	entified above.
(Authorized Signature)	· · ·	(Date)				
NOTE; The Issue Fee an other than the applicant; interest as shown by the re	d Publication Fee (if requir a registered attorney or ag cords of the United States Pa	ed) will not be accent; or the assignment and Trademar	cepted from anyo ee or other party k Office.	ne in		

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/998,738	10/31/2001	Louis Odenwald	01-533	7019		
24319	7590 05/20/2004		EXAM	INER		
LSI LOGIC CO	ORPORATION		NGUYE	N, MIKE		
1621 BARBER MS: D-106 LEG			ART UNIT	PAPER NUMBER		
MILPITAS, CA			2182			
				DATE MAILED: 05/20/2004		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 280 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 280 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

BEST AVAILABLE COPY